## TRANSMITTAL

## **Electronic Version**

Stylesheet Version v1.1.0

Title of	
Invention	)

APPARATUS FOR DETECTING PHYSICAL MARKS FROM WOBBLE SIGNAL AND METHOD THEREOF

Application Number:

Date:

First Named Applicant:

Pi-Hai Liu

Confirmation Number:

Attorney Docket Number:

22171-00019-US2

I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted By:	Elec. Sign.
Larry J. Hume	/ljh/
Registered Number: 44,163	

Documents being submitted:	Files
	00474000401100
application-body	2217100019US2-usappb.xml
	application-body.dtd
	us-application-body.xsl
	mathml2.dtd
	soextblx.dtd
	isoamsa.ent
	isoamsb.ent
	isoamsc.ent
	isoamsn.ent
	isoamso.ent
	isoamsr.ent
	isobox.ent
	isocyr1.ent
	isocyr2.ent
	isodia.ent
	isogrk1.ent
	isogrk2.ent
	isogrk3.ent
	isogrk4.ent
	isolat1.ent
	isolat2.ent
	isomfrk.ent
	isomopf.ent
	isomscr.ent
	isonum.ent
	isopub.ent
	isotech.ent
	mathml2-qname-1.mod mmlalias.ent
	mmlextra.ent
	wipo.ent
	2217100019US2-usappb-D000001.tif
	2217100019US2-usappb-D000001:tif
	2217100019US2-usappb-D000003.tif
	2217100019US2-usappb-D000004.tif
	2217100019US2-usappb-D000005.tif
	2217100019US2-usappb-D000006.tif
	2217100019US2-usappb-D000007.tif
	2217100019US2-usappb-D000008.tif
	2217100019US2-usappb-D000009.tif
	2217100019US2-usappb-D000010.tif
	2217100019US2-usappb-D000011.tif
	2217100019US2-usappb-D000012.tif
	2217100019US2-usappb-D000013.tif
	2217100019US2-usappb-D000014.tif
	2217100019US2-usappb-D000015.tif
	2217100019US2-usappb-D000016.tif
us-request	2217100019US2-usrequ.xml
'	us-request.dtd
	•

	us-request.xsl	
us-declaration	2217100019US2-usdecl-O000001.tif	
us-declaration	2217100019US2-usdecl-O000002.tif	
us-declaration	2217100019US2-usdecl-O000003.tif	
us-declaration	2217100019US2-usdecl-O000004.tif	
us-fee-sheet	2217100019US2-usfees.xml	
	us-fee-sheet.dtd	
	us-fee-sheet.xsl	
application-body-pdf-wrap	2217100019US2-pdf-wrap.xml	
abstract-pdf	2217100019US2-abst.pdf	
claims-pdf	2217100019US2-clms.pdf	
description-pdf	2217100019US2-desc.pdf	
drawings-pdf	2217100019US2-draw.pdf	

IPDAS Version 3.52.0.0, Validation Version 1.2.0.0, Submission Version 1.3.4.6